**Denny Ye**

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**EDUCATION**

* **University of Georgia,** School of Computing Athens, GA
* *Bachelor of Science, Computer Science* Aug 2021 – May 2025
* Honors/Awards: Zell Miller Scholarship Recipient GPA: 3.55

**SKILLS**

* **Programming Languages:** JavaScript, C, C++, Java, Python, SQL
* **Frameworks/Libraries:** Node.js, React, MongoDB, Java Spring Boot
* **Tools:** GitHub, Docker

**PROJECT EXPERIENCE**

**The Reading Room,** *Database Management Project* May 2025

*Languages & Tools:* Java, Java Spring Boot, SQL, Docker

* Developed a full-stack library management system simulating real-world UI, enabling users to browse, bookmark, and check out books from a dataset of over 6,000+ titles.
* Implemented secure user authentication with login and signup features for 100% user authentication rate, ensuring seamless and protected access to the website.
* Wrote and optimized 25+ complex SQL queries to retrieve and display detailed book data (title, genre, author, synopsis, publish date, rating), reducing data load time by 35%.
* Built modular Java Spring Boot backend services to handle user interactions, book tracking, and UI routing, improving maintainability and performance.

**Pinned Website for Athens,** *Web Programming Project* Dec 2024

*Languages & Tools:* HTML, CSS, JavaScript, React, MongoDB

* Built an interactive website showcasing over 25 points of interest in Athens, Georgia, delivering an engaging user experience to over 100 visitors.
* Implemented secure login/signup functionality using MongoDB and Auth.js, ensuring 100% data protection and smooth user authentication.
* Designed optimized MongoDB schemas, improving data storage/retrieval efficiency by 40%.
* Leveraged React to dynamically fetch and display real-time updates from the database, reducing page load time by 2.5 seconds.

**Movie Search Engine,** *Full-Stack Software Project* Aug 2024

*Languages & Tools:* HTML, CSS, JavaScript, React

* Developed a movie search engine allowing users to explore over 600,000 movies and create personalized favorite lists, filtering by year, genre, and release date.
* Contributed to the genre discovery feature, allowing users to explore hundreds of genres and thousands of movies efficiently, improving user experience.
* Integrated external APIs to fetch real-time movie data, ensuring smooth and fast user search experiences.

**WORK EXPERIENCE**

**Sun Garden Chinese Restaurant** Dacula, GA

*Manager* Aug 2022 – Aug 2024

* Managed and closed the point-of-sale (POS) and order management systems, processing around $4,000 daily in sales and ensuring 100% accurate transactions.
* Operated independently during shifts, showcasing strong time management, adaptability, and the ability to prioritize tasks effectively.
* Handled phone orders, processed payments, and ensured timely delivery of food orders, strengthening communication and multitasking skills.

**RELEVANT COURSEWORK**

Software Engineering, Web Programming, Algorithms, Database Management, Software Development